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Sheet 1 of 3

FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)	ATTY. DOCKET NO. 2458-4018US1	SERIAL NO. 09/095,372
	APPLICANT(S) Bradshaw, M. et al.	
	FILING DATE June 10, 1998	GROUP ART UNIT 1636

JCS82 U.S. PTO  
 09/729043



**U.S. PATENT DOCUMENTS**

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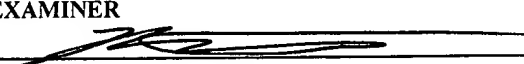
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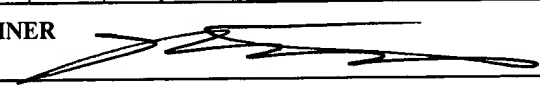
**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Papers, Etc.)**

CQ       			Kogoma, Tokio, "Stable DNA Replication: Interplay between DNA Replication, Homologous Recombination, and Transcription", <i>Microbiology and Mole. Bio.</i> , Vol. 61, No. 2., pp. 212-238, June 1997
			Larionov, Vladimir, et al., "Direct isolation of human <i>BRCA2</i> gene by transformation-associated recombination in yeast", <i>Proc. Natl. Acad. Sci., USA</i> , Vol. 94, pp. 7384-7387, July 1997
			van Dijk, et al., "A Functional Assay in Yeast for the human Estrogen Receptor Displays Wild-Type and Variant Estrogen Receptor Messenger RNAs Present in Breast Carcinoma", <i>Cancer Research</i> , 57, pp. 3478-3485, August 15, 1997
			Frengen, et al., "Transfer of small YACs to <i>E. coli</i> . as large circular plasmids", <i>Genetic Analysis Biomolecular Engineering</i> , 14, pp. 57-59, 1997
			Larionov, Vladimir, et al., "Specific cloning of human DNA as yeast artificial chromosomes by transformation-associated recombination", <i>Proc. Natl. Acad. Sci., USA</i> , Vol 93., pp. 491-496, January 1996
			Bradshaw, Suzanne, M., et al., "A long-range regulatory element of <i>Hoxc8</i> identified by using the pClasper vector", <i>Proc. Natl. Acad. Sci., USA</i> , Vol. 93, pp. 2426-2430, March 1996

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cQ			Simpson, Kaetrin, et al., "A shuttle system for transfer of YACs between yeast and mammalian cells", <i>Nucleic Acids Research</i> , Vol. 24, No. 23, pp. 4693-4699, 1996				
			Bradshaw, Suzanne M., et al. "A new vector for recombination-based cloning of large DNA fragments from yeast artificial chromosomes", <i>Nucleic Acids Research</i> , Vol. 23, No. 23, pp. 4850-4856, 1995				
			Campbell, Colin, et al., "Unequal homologous recombination of human DNA on a yeast artificial chromosome", <i>Nucleic Acids Research</i> , Vol. 23, No. 18, pp. 3691-3695, 1995				
			Ketner, Gary, et al., "Efficient manipulation of the human adenovirus genome as an infectious yeast artificial chromosome clone", <i>Proc. Natl. Acad. Sci., USA</i> , Vol. 91, pp. 6186-6190, June 1994				
			Kouprina, N., et al., "A Model System to Assess the Integrity of Mammalian YACs during Transformation and Propagation in Yeast", <i>Genomics</i> , 21, pp. 7-17, 1994				
			Larionov, V., et al., "Recombination during transformation as a source of chimeric mammalian artificial chromosomes in yeast (YACs)", <i>Nucleic Acids Research</i> , Vol. 22, No. 20, pp. 4154-4162, 1994				
↓			Miller, Leilani, et al., " <i>lin-31</i> , a <i>Caenorhabditis elegans</i> HNF-3/fork head transcription factor homolog, specifies three alternative cell fates in vulval development", <i>Genes and Development</i> , Vol. 7, pp. 933-947, 1993				
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CA			Bradshaw, Suzanne M., et al., "Site Specific Recombination-Mediated Isolation of a Large Sub-Region from a Mouse Hox-c YAC", 1st Euro. Sci. Found. Conf. On Deve. Bio., Karause Ittengen, Switzerland, June 14-17, 1993				
↓			Pavan, William, et al., "Generation of deletion derivatives by targeted transformation of human-derived yeast artificial chromosomes", <i>Proc. Natl. Acad. Sci., USA</i> , Vol. 87, pp. 1300-1304, February 1990				
↓			Sikorski, Robert S., et al., "A System of Shuttle Vectors and Yeast Host Strains Designed for Efficient Manipulation of DNA in <i>Saccharomyces cerevisiae</i> ", <i>Genetics</i> , Vol. 122, pp. 19-27, May 1989				
↓			Burgers, Peter, M.J., et al., "Transformation of Yeast Spheroplasts without Cell Fusion", <i>Analytical Biochemistry</i> , Vol. 163, pp. 391-397, 1987				
↓			Orr-Weaver, Terry L., et al., "Genetic Applications of Yeast Transformation with Linear and Gapped Plasmids", <i>Methods in Enzymology</i> , Vol. 101, pp. 228-245, 1983				
↓			Orr-Weaver, Terry L., et al., "Yeast recombination: The association between double-strand gap repair and crossing-over", <i>Proc. Natl. Acad. Sci., USA</i> , Vol. 80, pp. 4417-4421, July 1983				
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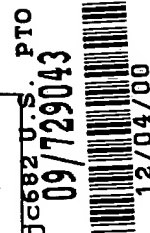
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	Boyd, E.F., and Hartl, D.L. (1997). Recent horizontal transmission of plasmids between natural populations of Escherichia coli and Salmonella enterica. <u>Journal of Bacteriology</u> 179, pp. 1622-7.
	Campbell, C., Gulati, R., Nandi, A. K., Floy, K., Hieter, P., and Kucherlapati, R. S. (1991). Generation of a nested series of interstitial deletions in yeast artificial chromosomes. <u>Proc. Natl. Acad. Sci. USA</u> 88, pp. 5744-5748.
	Degryse, E., Dumas, B., Dietrich, M., Laruelle, L., and Ascstetter, T. (1995). In vivo cloning by homologous recombination in yeast using a two-plasmid-based system. <u>Yeast</u> 11, pp. 629-40.

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ca		Emmanuel, S. L., Cook, J. R., O'Rear, J., Rothstein, R., and Petska, S. (1995). New vectors for manipulation and selection of functional yeast artificial chromosomes (YACs) containing DNA inserts. <u>Gene</u> 155, pp. 167-174.
↓		Erickson, J. R., and Johnston, M. (1993). Direct cloning of yeast genes from an ordered set of lambda clones in <i>Saccharomyces cerevisiae</i> by recombination in vivo. <u>Genetics</u> 134, pp. 151-7.
		Fairhead, C., Llorente, B., Denis, F., Soler, M., and Dujon, B. (1996). New vectors for combinatorial deletions in yeast chromosomes and for gap-repair cloning using 'split-marker' recombination. <u>Yeast</u> 12, pp. 1439-57.

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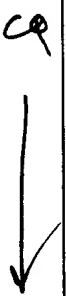
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	Hermanson, G. G., Hoekstra, M. F., McElligott, D. L., and Evans, G. A. 1(1991). Rescue of end fragments of yeast artificial chromosomes by homologous recombination in yeast. <u>Nucl. Acids Res.</u> 18, pp. 4943-4948.
	Herzing, L. B. K., and Ashworth, A. (1995). Construction of specific cosmids from YACs by homologous recombination in yeast. <u>Nucl. Acids Res.</u> 19, pp. 4005-4006.
	Larionov, V., Kouprina, N., Graves, J., and Resnick, M.A. (1996). Highly selective isolation of human DNAs from rodent-human hybrid cells as circular yeast artificial chromosomes by transformation-associated recombination cloning. <u>Proceedings of the National Academy of Sciences of the United States of America</u> 93, pp. 13925-30.

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		McGonigal, T., Bodelle, P., Schopp, C., and Sarthy, A.V. (1995). Construction of a human DNA library in a circular centromere-based yeast plasmid. <u>Gene</u> 155, pp. 267-271.
		Prado, F., and Aguilera, A. (1994). New in-vivo cloning methods by homologous recombination in yeast. <u>Current Genetics</u> 25, pp. 180-3.
		Spencer, F., Ketner, G., Connelly, C., and Hieter, P. (1993). Targeted recombination-based cloning and manipulation of large DNA segments in yeast. <u>Methods: A companion to Methods Enzymol</u> 5, pp. 161-175.

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